

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

1. (Currently Amended) An anti-cancer composition comprising N,N-dimethylphytosphingosine as an active ingredient and at least one phytosphingosine derivative selected from the group consisting of phytosphingosine, acetylated phytosphingosine and ethylated phytosphingosine, wherein the weight ratio of N,N-dimethylphytosphingosine to phytosphingosine derivative is 1:1.
2. (Cancelled)
3. (Cancelled)
4. (Original) A kit for treating cancer comprising the composition of claim 1.
5. (Original) The kit of claim 4, comprising the composition as an adjuvants of other anti-cancer drugs.
6. (Currently Amended) A method of inhibiting sphingosine kinase-inhibitor composition comprising administering an effective amount of the composition of claim 1 N,N-dimethylphytosphingosine as an active ingredient.
7. (Currently Amended) An apoptosis inducing composition A method of inducing apoptosis comprising administering of an effective amount of the composition of claim 1 N,N-dimethylphytosphingosine as an active ingredient.

8. (Currently Amended) A method of inhibiting protein kinase-inhibitor composition comprising administering of an effective amount of the composition of claim 1N,N-dimethylphyto-sphingosine as an active ingredient.

9. (Canceled)

10. (Currently Amended) A composition formethod of treating a hyperplastic disease comprising administering of an effective amount of the composition of claim 1N,N-dimethylphytosphingosine as an active ingredient.

11. (Currently Amended) The composition according tomethod of claim 10, wherein the hyperplastic disease is psoriasis.

12. (Canceled)

13. (Canceled)

14. (New) A method of treating cancer comprising administering an effective amount of a composition of claim 1 to a subject.

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